Colloids and Surfaces A: Physicochemical and Engineering Aspects, 70 (1993) 303
Elsevier Science Publishers B.V., Amsterdam

Author Index

Alm, B. 47
Arnebrant, T. 139, 151
Askendal, A. 151

Bahadur, A. 219
Bahadur, P. 219
Bijsterbosch, B.H. 77, 91
Biliński, B. 61
Bowen, B.D. 33

Caminati, G. 1
Charmas, R. 111
Cihlář, J. 239, 253, 269
Cohen Stuart, M.A. 77, 91
Cornelus, C. 233

Dawidowicz, A.L. 61
de Keizer, A. 77, 91
de Laat, A.W.M. 179
de la Maza, A. 189
Dhathathreyan, A. 297
DiCosmo, F. 159
Dunn, L. 23
Dynarowicz, P. 171

Eriksson, L. 47

Gabrielli, G. 1
Ghosh, S.K. 131
Giulieri, F. 233

Harris, C.C. 229
Herrington, T.M. 199

Jawień, W. 171

Kelly, J.F. 277
Khan, M.M. 167
Krafft, M.P. 233

Levine, S. 33
Li, C. 229

Malghan, S.G. 277
Manev, E. 289
Midmore, B.R. 199
Muramatsu, A. 167

Nagar, T.N. 219
Neumann, A.W. 159
Nicholov, R. 159

Pandya, K. 219
Parra, J.L. 189
Partyka, S. 111
Paulsson, M.A. 139
Pei, P.T. 277
Pugh, R.J. 289

Ramasami, T. 297
Riess, J.G. 233
Roberts, N. 23
Rudzinski, W. 111
Rupainwar, D.C. 131

Shah, D.O. 207
Sharma, Y.C. 131
Shervani, Z. 213
Singh, C.P. 207
Sivakumar, A. 69
Somasundaran, P. 69, 229
Stack, K. 23
Stenius, P. 47
Sugimoto, T. 167

Thach, S. 69
Tiwari, R.K. 131

van den Heuvel, G.L.T. 17
van de Steeg, H.G.M. 77, 91
Veregin, R.P. 159

Wahlgren, M.C. 139, 151
Wang, J. 15
Welin-Klintström, S. 151

Colloids and Surfaces A: Physicochemical and Engineering Aspects, 70 (1993) 304–305
Elsevier Science Publishers B.V., Amsterdam

Subject Index

Adsorption, 1, 23, 77, 91, 131, 139, 151, 179
Aggregation, 199
Alkyl betaine surfactant, 189
Alkylxylenesulfonates, 69
Alumina particles, 277
Ammonium salt, 179
Amphotericin B, 213
Amylopectin, 77, 91
Amylose, 91

Barium titanate, 179
Biomedical use, 233
Bovine serum albumin, 159

Calorimetry, 69, 111
Capillary interaction, 33
Cationic polyelectrolytes, 47
Cationic starch, 77, 91
Cellulose fibres, 23
Colloidal silica, 269
Colloidal techniques, 277
Condensation, 239, 253, 269
Controlled-porosity glasses, 61

Dioctadecyldimethylammonium bromide, 297
Dispersion, 233
Displacement, 179

EDTA–chromium(III) complex, 297
Electrokinetic sonic amplitude, 277
Electron spin resonance, 159
Elutability, 139, 151
Emulsion, 233
Energetic heterogeneity, 111
Ethyl silicate, 253, 269

Ferric hydroxide, 167
Fibrinogen, 151
Flocculation, 47
Flotation, 289
Fluorocarbon, 233
Fly ash, 131

Gel–sol method, 167
Globular proteins, 139

p-Halogenophenols, 171
Hamycin, 213
Hematite particles, 167
Hydrolysis, 239, 253, 269

Inexpensive, 131
Inorganic salts, 15
Interfacial control, 277

Kaolinite suspensions, 199
Kinetics, 239, 253, 269

Levitation technique, 229
Lipid, 207, 297

Micelles, 219
Micellization, 69
Microcrystalline cellulose, 77, 91
Mixed adsorbed films, 171
Mn(II), 131
Molecular interactions, 171
Molecular motion, 159
Monodisperse colloid, 167
Monodisperse particles, 167
Monolayer, 207

Oil/water droplet, 33

Particle hydrophobicity, 229
Phenolformaldehyde resin, 23
Phospholipid, 233
Pluronic L-64, 219
Polyacrylic acid, 179
Polyene antibiotics, 213
Polystyrene latex aggregates, 47
Polystyrene sulfonate, 1
Polyvinyl alcohol, 179
Poly(ethylene oxide), 23, 289
Potassium ethyl xanthate, 289
Potassium permanganate, 207
Potato starch, 91
Protein adsorption, 159
pH, 131, 239, 253

Quasi-elastic light scattering, 199

Regular solution theory, 171

Scaling effects, 199
Self-aggregation, 213

Silicon carbide platelets, 277
Size exclusion chromatography, 179
Sodium dodecyl benzenesulfonate, 15
Solid surfaces, 139, 151
Solubility, 219
Solubilization, 189
Solvent effect, 213
Spherical particle, 33
Stability, 233
Surface free energy, 61
Surface potential, 207
Surface pressure, 207
Surface tension, 171
Surfactants, 139, 151

Tetraethoxysilane, 239
Thermodynamics, 111
Thin froth films, 289

Unilamellar liposomes, 189

Viscosity behavior, 15

Water–air interface, 1, 171
Water–graphon interface, 1
Water/oxide interface, 111
Waxy maize, 77